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# WATER UTILITY

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# Comply With Safe Drinking Water Amendment Act

## Department

Water Utility

## Account #

CP 33 3111

## Project Description

Provide funds to address general water quality issues, offer engineering assistance, and provide water treatment consultation as they relate to Safe Drinking Water Act compliance.

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	300,000	200,000	200,000	200,000	200,000	1,100,000
<b>FY 2006 Approved</b>	300,000	200,000	200,000	200,000	200,000	N/A	1,100,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	300,000
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
<b>Total</b>	<b>300,000</b>

Prior Capital Funding	300,000
FY 2007 Approved	300,000
Capital Share Remaining	800,000
<b>Project Total</b>	<b>1,400,000</b>



Property Address: Citywide

## Design & Construct Dams & Spillways

### Department

Water Utility

### Account #

N/A

### Project Description

Provide funds for evaluation, design services, and construction necessary to bring the City's six dams into compliance with federal and state dam safety requirements.

### Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

### Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	0	16,000,000	1,000,000	0	5,000,000	22,000,000
<b>FY 2006 Approved</b>	7,300,000	0	16,000,000	500,000	6,000,000	N/A	29,800,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

#### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
Total	0

Prior Capital Funding	7,300,000
FY 2007 Approved	0
Capital Share Remaining	22,000,000
Project Total	29,300,000



Property Address: Citywide

## Design and Construct 37th Street Plant

### Department

Water Utility

### Account #

CP 33 3054

### Project Description

Provide funds for the evaluation and design services to replace the water treatment portions of the 37th street plant, insuring continued compliance with the Safe Drinking Water Act. The plant is eighty years old and has reached the end of its useful life.

### Customers Served

Residents ☐ Business ☐ City Services ☒

Educational Community ☐ Tourists/Visitors ☐

### Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	1,500,000	0	32,700,000	0	0	34,200,000
<b>FY 2006 Approved</b>	1,000,000	1,500,000	0	10,000,000	22,700,000	N/A	35,200,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

#### FY 2007 Anticipated Budget Distribution:

Planning / Design	1,500,000
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
<b>Total</b>	<b>1,500,000</b>

Prior Capital Funding	1,000,000
FY 2007 Approved	1,500,000
Capital Share Remaining	32,700,000
<b>Project Total</b>	<b>35,200,000</b>



**Property Address:** Intersection of Powhatan Ave & 37th St

## Fund Improvements to Moores Bridges HVAC

### Department

Water Utility

### Account #

CP 33 3185

### Project Description

Provide funds to improve the heating ventilation and air conditioning systems in the lab at the Moores Bridges Treatment Plant.

### Customers Served

Residents ☐ Business ☐ City Services ☒

Educational Community ☐ Tourists/Visitors ☐

### Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	300,000	0	0	0	0	300,000
<b>FY 2006 Approved</b>	0	0	0	0	0	N/A	0
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	300,000
Construction	0
Inspections / Permits	0
<b>Total</b>	<b>300,000</b>

Prior Capital Funding	0
FY 2007 Approved	300,000
Capital Share Remaining	0
<b>Project Total</b>	<b>300,000</b>



**Property Address:** 6040 Waterworks Road

## Fund UBIS System

### Department

Water Utility

### Account #

N/A

### Project Description

Provide funds for an integrated billing and customer service information management system which will allow the City to provide better service and information to citizens and increase levels of customer service. The system will incorporate the business requirements for the Department of Utilities Division of Water Accounts the Department of Public Works, and the Divisions of Storm Water Management and Waste Management.

### Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

### Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	0	0	100,000	0	0	100,000
<b>FY 2006 Approved</b>	0	0	0	100,000	0	N/A	100,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

#### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
Total	0

Prior Capital Funding	0
FY 2007 Approved	0
Capital Share Remaining	100,000
Project Total	100,000



Property Address: Citywide

# Implement Security/Vulnerability Rec.

## Department

Water Utility

## Account #

N/A

## Project Description

Provide funds for the implementation of security and vulnerability recommendations for the City's water system in light of the world-wide terrorism issues.

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	0	0	100,000	0	0	100,000
FY 2006 Approved	0	0	0	100,000	0	N/A	100,000
Operating Budget Impact	N/A	0	0	0	0	0	0

## FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
Total	0

Prior Capital Funding	750,000
FY 2007 Approved	0
Capital Share Remaining	100,000
Project Total	850,000



Property Address: Citywide



# Improve Lake Smith

## Department

Water Utility

## Account #

N/A

## Project Description

Provide funds for design and replacement of the outlet structure on Lake Smith. The current outlet structure was installed many years ago and is inadequate. As development has increased surrounding Lake Smith, runoff has increased and no longer allows the Lake to drain fast enough after major rainfall events and flooding of private property has resulted.

## Customers Served

Residents ☐ Business ☐ City Services ☒

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	0	150,000	0	0	0	150,000
FY 2006 Approved	0	0	0	0	0	N/A	0
Operating Budget Impact	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0		
Acquisition / Relocation	0		
Site Improvements	0	Prior Capital Funding	0
Construction	0	FY 2007 Approved	0
Inspections / Permits	0	Capital Share Remaining	150,000
Total	0	Project Total	150,000



Property Address: Virginia Beach, Va

# Improve Operations Center Bays

## Department

Water Utility

## Account #

CP 33 3186

## Project Description

Provide funds to study and improve the storage bays at Utilities' Combined Operations.

## Customers Served

Residents ☐ Business ☐ City Services ☒

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	75,000	300,000	0	0	0	375,000
<b>FY 2006 Approved</b>	0	0	0	0	0	N/A	0
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	75,000
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
<b>Total</b>	<b>75,000</b>

Prior Capital Funding	0
FY 2007 Approved	75,000
Capital Share Remaining	300,000
<b>Project Total</b>	<b>375,000</b>



Property Address: 1316 Ballentine Boulevard

## Install Aerator - Lake Prince

## Department

## Water Utility

**Account #**

N/A

## Project Description

Provide funds for the installation of new hypolimnetic aerators and a major overhaul of compressors at the Lake Prince facility that will insure maintenance of water quality.

## Customers Served

Residents ☐ Business ☐ City Services ☐

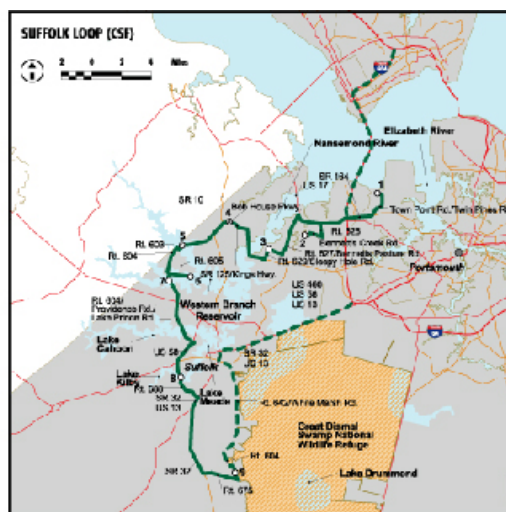
Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	0	0	0	600,000	0	600,000
FY 2006 Approved	0	0	0	0	600,000	N/A	600,000
Operating Budget Impact	N/A	0	0	0	0	0	0

**FY 2007 Anticipated Budget Distribution:**

Planning / Design	0		
Acquisition / Relocation	0		
Site Improvements	0	Prior Capital Funding	0
Construction	0	FY 2007 Approved	0
Inspections / Permits	0	Capital Share Remaining	600,000
Total	0	Project Total	600,000



**Property Address:** Suffolk, Va

# Install New Aerators - Western Branch

## Department

Water Utility

## Account #

N/A

## Project Description

Provide funds for the installation of new hypolimnetic aerators and major overhaul of compressors at Western Branch in order to maintain water quality.

## Customers Served

Residents ☒ Business ☐ City Services ☒

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	0	0	0	350,000	0	350,000
FY 2006 Approved	0	0	0	0	350,000	N/A	350,000
Operating Budget Impact	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
Total	0

Prior Capital Funding	0
FY 2007 Approved	0
Capital Share Remaining	350,000
Project Total	350,000



Property Address: Suffolk, Va

# Rehabilitate Nottoway River PS

## Department

Water Utility

## Account #

N/A

## Project Description

Provide funds for evaluation and design services to replace the traveling screens and rehabilitate the existing Nottoway River Pump Station which was built in the 1940's and given to the City by the federal government.

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	0	1,075,000	0	0	0	1,075,000
<b>FY 2006 Approved</b>	0	0	1,075,000	0	0	N/A	1,075,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
Total	0

Prior Capital Funding	0
FY 2007 Approved	0
Capital Share Remaining	1,075,000
Project Total	1,075,000



Property Address: 21350 Plank Road, Courtland, Va

# Replace or Rehabilitate Lake Whitehurst Culverts

## Department

Water Utility

## Account #

CP 33 3055

## Project Description

Provide funds for evaluation, design services, and construction to replace or rehabilitate the culverts under Azalea Garden Road as they transport raw water from Lake Whitehurst to the Moores Bridges Water Treatment Plant.

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	500,000	0	0	0	0	500,000
FY 2006 Approved	0	500,000	0	0	0	N/A	500,000
Operating Budget Impact	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	500,000
Acquisition / Relocation	0
Site Improvements	0
Construction	0
Inspections / Permits	0
Total	500,000

Prior Capital Funding	0
FY 2007 Approved	500,000
Capital Share Remaining	0
Project Total	500,000



Property Address: Azalea Garden Road



# Replace or Rehabilitate Raw Water Pipelines

## Department

Water Utility

## Account #

CP 33 3057

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

## Project Description

Provide funds to replace sections of 36" raw water transmission main which are severely deteriorated. Provide funds to upgrade existing City water mains and allow for evaluation and design services to replace or rehabilitate portions of the existing finished water transmission systems. Funding of \$6,500,000 in FY 2007, \$7,500,000 in FY 2008, \$7,500,000 in FY 2009, and \$7,300,000 in FY 2010 were previously planned under a separate project. These funds have been consolidated in this project.

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	15,050,000	9,900,000	14,900,000	9,900,000	14,900,000	64,650,000
<b>FY 2006 Approved</b>	4,000,000	5,500,000	0	5,000,000	0	N/A	14,500,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	15,050,000
Construction	0
Inspections / Permits	0
<b>Total</b>	<b>15,050,000</b>

Prior Capital Funding	5,650,000
FY 2007 Approved	15,050,000
Capital Share Remaining	49,600,000
<b>Project Total</b>	<b>70,300,000</b>



Property Address: Citywide

# Upgrade Blackwater River Pump Station

## Department

Water Utility

## Account #

N/A

## Project Description

Provide funds for a significant overhaul of Blackwater River pump station, including repairs to the building to prevent major leaking/flooding and additions of traveling water screens.

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	0	1,075,000	0	0	0	1,075,000
FY 2006 Approved	0	0	1,075,000	0	0	N/A	1,075,000
Operating Budget Impact	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0		
Acquisition / Relocation	0		
Site Improvements	0	Prior Capital Funding	0
Construction	0	FY 2007 Approved	0
Inspections / Permits	0	Capital Share Remaining	1,075,000
Total	0	Project Total	1,075,000



Property Address: Southampton County, Va



# Upgrade GIS System

## Department

Water Utility

## Account #

CP 33 3079

## Project Description

Provide funds for hardware and software upgrades to the Geographical Information System (GIS).

## Customers Served

Residents ☒ Business ☒ City Services ☒

Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	500,000	250,000	250,000	0	0	1,000,000
<b>FY 2006 Approved</b>	0	500,000	0	0	0	N/A	500,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design 500,000

Acquisition / Relocation 0

Site Improvements 0

Construction 0

Inspections / Permits 0

Total 500,000

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Prior Capital Funding 0

FY 2007 Approved 500,000

Capital Share Remaining 500,000

Project Total 1,000,000



Property Address: Citywide

# Upgrade Lake Prince Pump Station

## Department

## Water Utility

## Account #

N/A

## Project Description

Provide funds for a major overhaul of Lake Prince Station, including new pumps, starters, switchgear, and building repairs in order to meet existing raw water demands to treatment plants.

## Customers Served

Residents ☐ Business ☐ City Services ☐

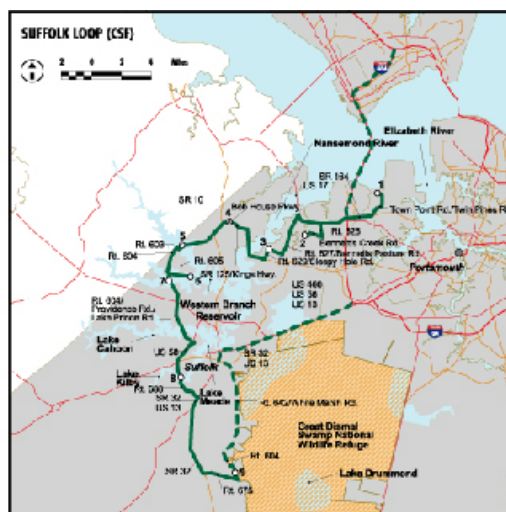
Educational Community ☐ Tourists/Visitors ☐

## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
FY 2007 Approved	N/A	0	0	0	1,000,000	0	1,000,000
FY 2006 Approved	0	0	0	0	1,000,000	N/A	1,000,000
Operating Budget Impact	N/A	0	0	0	0	0	0

**FY 2007 Anticipated Budget Distribution:**

Planning / Design	0		
Acquisition / Relocation	0		
Site Improvements	0	Prior Capital Funding	0
Construction	0	FY 2007 Approved	0
Inspections / Permits	0	Capital Share Remaining	1,000,000
Total	0	Project Total	1,000,000



**Property Address:** Suffolk

# Upgrade SCADA/Network

## Department

Water Utility

## Account #

CP 33 3068

## Project Description

Provide funds for the replacement of Moores Bridges and other Supervisory Control and Data Acquisition (SCADA) system electronics.

## Customers Served

Residents ☒ Business ☐ City Services ☐

Educational Community ☐ Tourists/Visitors ☐

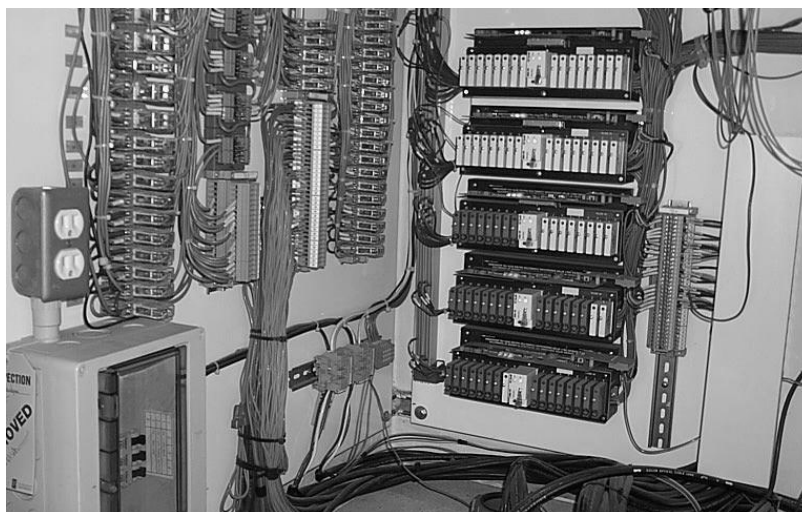
## Financial Summary

	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	TOTAL
<b>FY 2007 Approved</b>	N/A	650,000	0	1,500,000	0	0	2,150,000
<b>FY 2006 Approved</b>	0	350,000	0	0	0	N/A	350,000
<b>Operating Budget Impact</b>	N/A	0	0	0	0	0	0

### FY 2007 Anticipated Budget Distribution:

Planning / Design	0
Acquisition / Relocation	0
Site Improvements	650,000
Construction	0
Inspections / Permits	0
<b>Total</b>	<b>650,000</b>

Prior Capital Funding	850,000
FY 2007 Approved	650,000
Capital Share Remaining	1,500,000
<b>Project Total</b>	<b>3,000,000</b>



Property Address: Moores Bridges & Western Branch